

REMARKS

By this Amendment, claims 1, 3-6, 9 and 39 are cancelled, and claims 7-8, 33 and 38 are amended. Further, claims 40-43 are added. Claims 10-32 and 34-37 remain in the application. Thus, claims 7-8, 10-38 and 40-43 are active in the application.

Reexamination and reconsideration of the application are respectfully requested.

The Applicants thank the Examiner for kindly indicating that claims 10-37 are allowable in item 4 on page 4 of the Office Action.

The Applicants also thank the Examiner for kindly indicating, in item 5 on page 5 of the Office Action, that claims 7 and 8 would be allowable if rewritten in independent form to include the limitations of the base claim and any intervening claim.

The Applicants note that the Examiner also indicated, in item 6 on page 7 of the September 22, 2005 Office Action, that claims 7 and 8 would be allowable if rewritten in independent form to include the limitations of the base claim and any intervening claim.

Claims 7 and 8 presented in both the July 7, 2005 Amendment and the December 22, 2005 Amendment depended from claim 1. Claim 1 was amended in the December 22, 2005 Amendment, and claims 7 and 8 were amended in the December 22, 2005 to provide proper antecedent basis for all of the recited limitations in view of the amendments to claim 1.

Claims 7 and 8 are amended herein to be rewritten in independent form to include the limitations of claim 1 as presented in the July 7, 2005 Amendment, and the amendments made to claims 7 and 8 in the December 22, 2005 Amendment are removed as they are no longer necessary. In other words, claims 7 and 8 are presented herein as they were presented in the July 7, 2005 Amendment, and claims 7 and 8 have each been rewritten in independent form to include the limitations of claim 1 as presented in the July 7, 2005 Amendment.

Accordingly, claims 7 and 8 have each been rewritten in their allowable form as indicated in item 6 on page 7 of the September 22, 2005 Office Action.

The Applicants note, however, that the Examiner newly applied Jiang et al. (U.S. 6,459,455) in rejecting claims 1, 3-6 and 9 under 35 U.S.C. § 102(e). This rejection is believed to be moot with respect to claim 9, as well as claim 39 which depended from claim 9, in view of the cancellation of claims 9 and 39.

Nevertheless, the Applicants respectfully submit that Jiang et al. clearly does not disclose or suggest that in the changing of the characteristics of the filtering, the characteristics of the filtering are changed so that gain of components from the forward and backward fields of the deinterlacing target field is reduced as the quantity of the motion measured in the measuring of the quantity of motion is increased, as recited in claim 7.

Furthermore, the Applicants respectfully submit that Jiang et al. clearly does not disclose or suggest that in the changing of the characteristics of the filtering, the characteristics of the filtering are changed so that gain of components from the forward and backward fields of the deinterlacing target field is reduced to zero when the quantity of the motion measured in the measuring of the quantity of motion is increased, as recited in claim 8.

Accordingly, the Applicants respectfully submit that Jiang et al. clearly fails to disclose or suggest each and every limitation of claims 7 and 8.

Therefore, the Applicants respectfully submit that claims 7 and 8 are clearly not anticipated by Jiang et al. since Jiang et al. fails to disclose each and every limitation of claims 7 and 8.

Furthermore, the Applicants respectfully submit that claims 7 and 8 are also clearly allowable over Clatanoff et al. (U.S. 5,519,451), Heimburger (U.S. 5,995,154) and Shin et al. (6,630,961), because Clatanoff et al., Heimburger and Shin et al., either individually or in combination, fail to disclose or suggest each and every limitation recited in claims 7 and 8.

Accordingly, the Applicants respectfully submit that claims 7 and 8 are clearly allowable over Jiang et al., Clatanoff et al., Heimburger and Shin et al.

Claim 38 has been amended to depend from claim 7 instead of claim 1 in view of the cancellation of claim 1. New claims 40-42 correspond to cancelled claims 3-5, respectfully, but depend from amended claim 7. Further, new claim 43 corresponds to cancelled claim 6, which depended from cancelled claim 5.

The Applicants respectfully submit that claims 7 and 8, as well as claims 38 and 40-43 which depend therefrom, are clearly allowable over Jiang et al., Clatanoff et al., Heimburger and Shin et al., since Jiang et al., Clatanoff et al., Heimburger and Shin et al.,

either individually or in combination, clearly fail to disclose or suggest each and every limitation of claims 7 and 8.

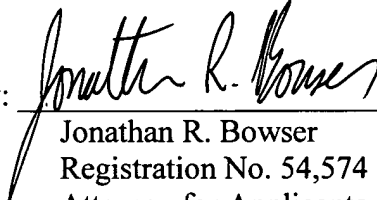
Therefore, it is submitted that the claims 7 and 8, as well as claims 38 and 40-43 which depend therefrom, are clearly allowable over the prior art as applied by the Examiner.

In view of the foregoing amendments and remarks, it is respectfully submitted that the present application is clearly in condition for allowance. An early notice thereof is respectfully solicited.

If, after reviewing this Amendment, the Examiner feels there are any issues remaining which must be resolved before the application can be passed to issue, the Examiner is respectfully requested to contact the undersigned by telephone in order to resolve such issues.

Respectfully submitted,

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